AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-14. (canceled)

15. (currently amended) A method of reducing solid tumor volume in an animal or human in need thereof, comprising administering to said animal or human a therapeutically effective amount in unit dosage form ~~of~~ a composition comprising at least one secretase inhibitor that inhibits γ-secretase or β-secretase processing of amyloid precursor protein (APP), said amount being effective to inhibit angiogenesis and to reduce solid tumor volume in said animal or human.

16-20. (canceled)

21. (previously presented) The method of claim 15, wherein the route of administration of the composition to the animal or human is via parenteral, oral or intraperitoneal administration.

22. (previously presented) The method of claim 21, wherein the parenteral route of administration is selected from the group consisting of intravenous; intramuscular; interstitial; infra-arterial; subcutaneous; intraocular; intracranial; intraventricular; intrasynovial; transepithelial, including transdermal, pulmonary via inhalation, ophthalmic, sublingual and buccal; topical, including ophthalmic, dermal, ocular, rectal, and nasal inhalation via insufflation or nebulization.

23. (previously presented) The method of claim 15, wherein the composition is administered in a unit dosage form orally in the form of hard or soft shell gelatin capsules, tablets, troches, sachets, lozenges, elixirs, suspensions, syrups, wafers, powders, granules, solutions or emulsions.

24. (currently amended) The method of claim 22, wherein the ~~the~~ route of administration is nasal inhalation, which inhalation is by an aerosol, an atomizer or a nebulizer.

25-26. (canceled)

27. (previously presented) The method of claim 15, wherein the secretase inhibitor is a γ-secretase inhibitor.

28. (previously presented) The method of claim 27, wherein the γ-secretase inhibitor is an aspartyl protease transition-state γ-secretase inhibitor.

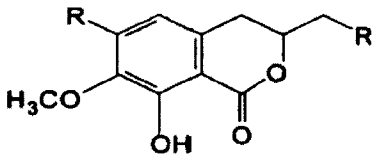
29. (canceled)

30. (previously presented) The method of claim 27, wherein the γ-secretase inhibitor is a dipeptide protease γ-secretase inhibitor.

31. (previously presented) The method of claim 30, wherein the dipeptide protease γ-secretase inhibitor is selected from the group consisting of DAPT and DAPM.

32. (withdrawn) The method of claim 27, wherein the γ-secretase inhibitor is an isocoumarin-based serine protease γ-secretase inhibitor having the following backbone chemical structure:

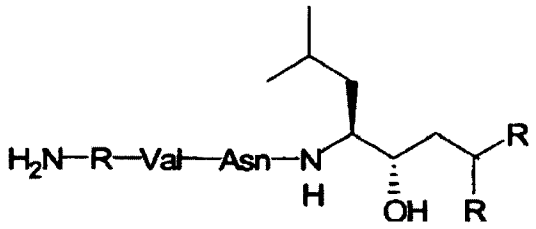
wherein R refers to analogue substitutions.



33. (withdrawn) The method of claim 32, wherein the isocoumarin-based serine protease γ-secretase inhibitor is JLK-6.

34. (withdrawn) The method of claim 26, wherein the secretase inhibitor is a β-secretase inhibitor having the following chemical structure:

wherein R refers to analogue substitutions.



35. (withdrawn) The method of claim 34, wherein the β-secretase inhibitor is a peptidomimetic tight binding transition-state analogue β-secretase inhibitor.

36. (withdrawn) The method of claim 35, wherein the peptidomimetic tight binding transition-state analogue β-secretase inhibitor is OM99-2.

37. (withdrawn) The method of claim 34, wherein the β-secretase inhibitor is a substrate analogue peptide β-secretase inhibitor.

38. (withdrawn) The method of claim 37, wherein the substrate analogue peptide β-secretase inhibitor is selected from the group consisting of Z-VLL-CHO, GL189 and P10-P4'statV.

39-61. (canceled)

62. (currently amended) The method of claim ~~1,~~ 15 ~~or 61~~, wherein the solid tumor is a human malignant brain tumor.

63. (previously presented) The method of claim 62, wherein the human brain tumor is a glioblastoma.

64. (currently amended) The method of claim ~~1,~~ 15 ~~or 61~~, wherein the solid tumor is a human lung adenocarcinoma tumor.

65. (currently amended) The method of claim ~~1,~~ 15 ~~or 61~~, wherein the solid tumor is a human malignant breast tumor.

66. (currently amended) The method of claim ~~1,~~ 15 ~~or 61~~, wherein the solid tumor is a human malignant colon tumor.

67. (currently amended) The method of claim ~~1,~~ 15 ~~or 61~~, wherein the solid tumor is a human malignant kidney tumor.

68. (currently amended) The method of claim ~~1,~~ 15 ~~or 61~~, wherein the solid tumor is a human malignant bladder tumor.

69. (currently amended) The method of claim ~~1,~~ 15 ~~or 61~~, wherein the solid tumor is a human malignant head tumor.

70. (currently amended) The method of claim ~~1,~~ 15 ~~or 61~~, wherein the solid tumor is a human malignant neck tumor.

71. (currently amended) The method of claim ~~1,~~ 15 ~~or 61~~, wherein said composition further comprises a pharmaceutically acceptable carrier or diluent.

72. (new) The method of claim 28, wherein the aspartyl protease transition-state γ-secretase inhibitor is L-685,458.

73. (new) The method of claim 15, wherein said method is a method for reducing solid tumor volume in a human in need thereof.